RAMBOLL

ENVIRONMENT
& HEALTH

Compliance Coordinator
Nevada Division of Environmental Protection
Bureau of Water Pollution Control
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701-5249

NPDES PERMIT #NV0024228 – DISCHARGE MONITORING REPORTS
1ST QUARTER 2018
WEIR CONSTRUCTION DEWATERING TREATMENT
NEVADA ENVIRONMENTAL RESPONSE TRUST, HENDERSON, NEVADA

April 26, 2018

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Dear Compliance Coordinator:

As required by the Finding and Order issued on April 12, 2016 by the Nevada Division of Environmental Protection (NDEP), Bureau of Industrial Site Cleanup (BISC), the Nevada Environmental Response Trust (NERT or the Trust) maintains NPDES Permit #NV0024228 for discharge of perchlorate-treated water near the Las Vegas Wash (LVW) that is extracted during dewatering activities associated with construction of two weirs (the Sunrise Mountain Weir and the Historic Lateral Weir) by the Southern Nevada Water Authority (SNWA) in the Henderson, Nevada area.

The NDEP, Bureau of Water Pollution Control (BWPC) issued NPDES Permit #NV0024228 on August 11, 2017 and the permit became effective on August 14, 2017. The attached items reflect information associated with the permit's January, February, and March 2018 Discharge Monitoring Reports (DMRs). Ramboll US Corporation (Ramboll), on behalf of the Trust, has submitted the DMRs via the United States Environmental Protection Agency (USEPA) NetDMR system per the Subscriber Agreement signed on September 25, 2017.

Construction of the pump stations and treatment plant was substantially completed during the prior quarter (4th Quarter 2017). Startup of the treatment plant was achieved on January 2, 2018. The treatment plant began receiving water from the Historic Lateral Weir construction site via the Historic Lateral Pump Station (HLPS) on January 2, 2018. The treatment plant began receiving water from the Sunrise Mountain Weir construction site via the Sunrise Mountain Pump Station (SMPS) on January 8, 2018.

On January 9, 2018, a large rain event caused high flows in the LVW and disrupted construction operations at both the Sunrise Mountain and Historic Lateral Weirs. As a result, the weir construction contractor suspended dewatering activities for approximately one week. Flow to the SMPS resumed on January 15, 2018, and flow resumed to the HLPS on January 17, 2018. During the reporting period, the ion exchange (IX) perchlorate treatment

processes demonstrated compliance with the daily maximum perchlorate concentration limitation of 18 micrograms per liter (µg/L).

Included with this correspondence as Attachment 1 are summaries of analytical and/or flow data for Sample Locations 001 (influent), 002 (an internal monitoring point), 003 (effluent), and 004 (the end of mixing zone ambient wash water quality monitoring point) that support the 1st Quarter 2018 DMRs. The associated analytical reports are supplied in electronic format on a CD included in Attachment 2.

One reportable event occurred during 1st Quarter 2018, as described below:

- On January 25, 2018 at approximately 1:30am, an estimated 500 gallons of backwash water (mixture of treated and untreated water) spilled onto the ground outside of the lined containment area during an approximately 3-minute event. There was no flow outside of the immediate area, and no discharge to a waterbody or potential for public contact. The spill was caused by a faulty hose connection to a pump used to transfer water between tanks that were located in separate secondary containment areas. The operators immediately turned off the transfer pump and put the leaking hose into containment. For future preventative action, all tanks, pumps, and transfer and connection points have been placed within secondary containment. Under the reporting requirements described in Section C.8.2 of the permit, no spill incident number or written report was issued at the time of the release because the release did not represent an imminent or substantial danger to human health, the environment, or reach waters of the state. Per Section C.8.4 of the permit, this event is being reported now with the quarterly monitoring report.

Should you have any questions concerning this report, please contact Kimberly Kuwabara at (510) 420-2525 or kkuwabara@ramboll.com.

Yours Sincerely,

Kimberly Kuwabara

Kimberly Kuwabara, MS
Managing Consultant
CEM #2353, expires 3/20/19

Attachments

Attachment 1: Summary of Supporting Analytical and Flow Data
Attachment 2: Supporting Analytical Reports *(on CD)*

ec: James Dotchin, Bureau of Industrial Site Cleanup, NDEP
Weiquan Dong, Bureau of Industrial Site Cleanup, NDEP
Nikita Lingenfelter, Bureau of Water Pollution Control, NDEP
Patrick Mohn, Bureau of Water Pollution Control, NDEP
Alison Fong, U.S. Environmental Protection Agency
Nevada Environmental Response Trust
Tanya O'Neill, Foley and Lardner LLP
John Pekala, Ramboll
Dan Pastor, Tetra Tech, Inc.

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NPDES Permit NV0024228 – 1st Quarter 2018 DMRs
CEM Certification

Responsible Certified Environmental Manager (CEM) for this project

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and, to the best of my knowledge, comply with all applicable federal, state and local statutes, regulations and ordinances.

Kimberly Kuwabara

Kimberly Kuwabara, MS
Managing Consultant

4/26/2018
Date

Certified Environmental Manager
Ramboll US Corporation
CEM Number: 2353
CEM Expiration Date: March 20, 2019

ATTACHMENT 1
SUMMARY OF SUPPORTING ANALYTICAL AND FLOW DATA

NPDES Permit NV0024228 - 1st Quarter 2018 -
Sample Location 001, Sample Location 002, Sample Location 003 Flow Data

Date	Sample Location 001 - Influent Flow Rate (gallons/min)	Sample Location 002 - Backwash to Remix Flow, total (gallons/day)	Sample Location 003 - Effluent Flow, total (gallons/day)
January 2018 Flow Data			
1/2/2018	124	976,000[4]	NR
1/3/2018	930		1,541,000
1/4/2018	1,521		2,471,000
1/5/2018	1,590		3,050,000
1/6/2018	1,667		3,167,000
1/7/2018	1,153		2,275,000
1/8/2018	1,820		3,391,000
1/9/2018	761		1,539,000
1/10/2018[1]	0		158,000
1/11/2018[1]	0		304,000
1/12/2018[1]	0		97,000
1/13/2018[1&2]	0		0
1/14/2018[1&2]	0		0
1/15/2018	187		NR
1/16/2018	608		1,130,000
1/17/2018	703		1,126,000
1/18/2018	1,357		2,046,000
1/19/2018	1,487		2,324,000
1/20/2018	1,444		2,296,100
1/21/2018	1,394		2,250,200
1/22/2018	1,309		2,127,600
1/23/2018	1,414		2,190,700
1/24/2018	1,827	30,000	2,799,500
1/25/2018	2,226	23,100	3,475,400
1/26/2018	2,563	97,200	3,977,700
1/27/2018	2,737	171,100	4,224,600
1/28/2018	2,744	188,900	4,262,200
1/29/2018	2,817	157,700	4,422,000
1/30/2018	2,776	78,500	4,437,000
1/31/2018	2,785	86,900	4,390,000
Unit	**Maximum gallons/minute:**	**Total gallons/month:**	**Total Mgal:**
Permit Limit	**≤6,900**	**M&R**	**M&R**
Amount	**2,817**	**833,400**	**65.5**

NPDES Permit NV0024228 - 1st Quarter 2018 -
Sample Location 001, Sample Location 002, Sample Location 003 Flow Data

Date	Sample Location 001 - Influent Flow Rate (gallons/min)	Sample Location 002 - Backwash to Remix Flow, total (gallons/day)	Sample Location 003 - Effluent Flow, total (gallons/day)
February 2018 Flow Data			
2/1/2018	2,750	30,900	4,500,000
2/2/2018	2,840	31,600	4,510,000
2/3/2018	2,896	118,700	4,640,000
2/4/2018	2,875	87,200	4,600,000
2/5/2018	2,882	61,300	4,550,000
2/6/2018	2,854	88,600	4,600,000
2/7/2018	2,833	97,120	4,590,000
2/8/2018[3]	2,667	51,500	4,720,000
2/9/2018	2,618	57,200	4,310,000
2/10/2018	2,549	79,872	4,140,000
2/11/2018	1,993	62,800	3,340,000
2/12/2018	2,028	54,000	3,380,000
2/13/2018	1,694	24,940	3,400,000
2/14/2018	3,153	0	4,960,000
2/15/2018[3]	4,000	13,560	6,190,000
2/16/2018	3,209	41,610	5,942,700
2/17/2018	3,816	47,200	5,927,000
2/18/2018	3,362	67,700	5,253,800
2/19/2018	3,265	59,500	5,089,700
2/20/2018[3]	3,573	58,220	5,511,700
2/21/2018[3]	3,775	36,750	5,780,300
2/22/2018[3]	3,742	51,650	5,810,900
2/23/2018	3,758	118,700	5,891,000
2/24/2018	3,715	141,600	5,860,000
2/25/2018	3,667	123,900	5,770,000
2/26/2018[3]	3,646	144,550	5,660,000
2/27/2018	3,626	129,900	5,644,700
2/28/2018	3,509	145,800	5,554,800
Unit	**Maximum gallons/minute:**	**Total gallons/month:**	**Total Mgal:**
Permit Limit	**≤6,900**	**M&R**	**M&R**
Amount	**4,000**	**2,026,372**	**140.1**

NPDES Permit NV0024228 - 1st Quarter 2018 -
Sample Location 001, Sample Location 002, Sample Location 003 Flow Data

Date	Sample Location 001 - Influent Flow Rate (gallons/min)	Sample Location 002 - Backwash to Remix Flow, total (gallons/day)	Sample Location 003 - Effluent Flow, total (gallons/day)
March 2018 Flow Data			
3/1/2018	3,565	71,180	5,538,900
3/2/2018	3,825	82,020	6,075,800
3/3/2018	4,033	112,600	6,174,000
3/4/2018	3,921	67,300	6,076,900
3/5/2018	3,968	19,320	6,013,600
3/6/2018[3]	3,797	39,330	5,773,900
3/7/2018[3]	3,690	43,800	5,691,500
3/8/2018[3]	3,802	23,029	5,869,000
3/9/2018[3]	3,894	2,804	5,971,200
3/10/2018	3,774	57,800	5,887,000
3/11/2018	3,772	106,700	5,874,300
3/12/2018	3,710	89,000	5,690,400
3/13/2018	3,523	110,500	5,405,300
3/14/2018	3,493	81,700	5,456,000
3/15/2018	3,378	76,000	5,298,700
3/16/2018	3,359	77,000	5,248,500
3/17/2018	3,233	111,400	5,094,300
3/18/2018	3,225	62,100	4,971,900
3/19/2018	3,290	78,800	5,135,100
3/20/2018	3,339	60,500	5,506,600
3/21/2018[3]	3,641	66,380	6,126,600
3/22/2018[3]	3,577	7,900	5,870,800
3/23/2018[3]	2,956	73,500	4,742,400
3/24/2018	3,788	15,100	5,666,100
3/25/2018	3,890	84,300	5,924,500
3/26/2018[3]	3,707	36,300	5,486,500
3/27/2018[3]	3,750	18,500	5,577,800
3/28/2018[3]	3,719	91,400	5,655,200
3/29/2018[3]	3,757	22,900	5,675,500
3/30/2018	3,724	55,400	5,712,200
3/31/2018	3,439	77,000	5,330,600
Unit	**Maximum gallons/minute:**	**Total gallons/month:**	**Total Mgal:**
Permit Limit	**≤6,900**	**M&R**	**M&R**
Amount	**4,033**	**1,921,563**	**174.5**

NPDES Permit NV0024228 - 1st Quarter 2018 -
Sample Location 001, Sample Location 002, Sample Location 003 Flow Data

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Notes:

Mgal = million gallons

NR = Data point not recorded due to an error in the electronic data recording system.

[1] No influent flow during this period.

[2] No effluent flow during this period.

[3] Flows recirculated through plant during this period.

[4] Combined flow total for operational period between 1/2 and 1/23.

NPDES Permit NV0024228 - 1st Quarter 2018 - Influent (Sample Location 001)
Analytical Summary

Sample Date	Sample Location	Analyte	Result	Units	SQL	SQL Units	Method
2/1/2018	001	Ammonia (as N)	0.136 J	mg/l	0.100	mg/l	SM4500-NH3-D
2/26/2018	001	Ammonia (as N)	<0.100	mg/l	0.100	mg/l	SM4500-NH3
3/12/2018	001	Ammonia (as N)	<0.100	mg/l	0.100	mg/l	SM4500-NH3
3/26/2018	001	Ammonia (as N)	<0.100	mg/l	0.100	mg/l	SM4500-NH3
1/16/2018	001	Dissolved Solids (total)	3390	mg/l	25.0	mg/l	SM2540C
2/1/2018	001	Dissolved Solids (total)	1800	mg/l	10.0	mg/l	SM2540C
2/12/2018	001	Dissolved Solids (total)	2320	mg/l	10.0	mg/l	SM2540C
2/26/2018	001	Dissolved Solids (total)	1810	mg/l	10.0	mg/l	SM2540C
3/12/2018	001	Dissolved Solids (total)	1980	mg/l	10.0	mg/l	SM2540C
3/26/2018	001	Dissolved Solids (total)	1610	mg/l	10.0	mg/l	SM2540C
1/16/2018	001	Field pH	7.7	SU		SU	FIELD SAMPLING
2/1/2018	001	Field pH	7.5	SU		SU	FIELD SAMPLING
2/12/2018	001	Field pH	7.7	SU		SU	FIELD SAMPLING
2/26/2018	001	Field pH	7.6	SU		SU	FIELD SAMPLING
3/12/2018	001	Field pH	7.5	SU		SU	FIELD SAMPLING
3/26/2018	001	Field pH	7.7	SU		SU	FIELD SAMPLING
2/1/2018	001	Nitrogen, Total	9.36	mg/l	0.110	mg/l	NTOTAL
3/26/2018	001	Nitrogen, Total	9.03	mg/l	0.110	mg/l	NTOTAL
1/16/2018	001	Perchlorate	2460	ug/l	95.0	ug/l	E314.0
2/1/2018	001	Perchlorate	373	ug/l	9.50	ug/l	E314.0
2/12/2018	001	Perchlorate	832	ug/l	95.0	ug/l	E314.0
2/26/2018	001	Perchlorate	422	ug/l	4.75	ug/l	E314.0
3/12/2018	001	Perchlorate	517	ug/l	9.50	ug/l	E314.0
3/26/2018	001	Perchlorate	248	ug/l	9.50	ug/l	E314.0
2/1/2018	001	Phosphorus (total)	0.278	mg/l	0.0250	mg/l	E365.3
2/26/2018	001	Phosphorus (total)	0.116	mg/l	0.0250	mg/l	E365.3
3/12/2018	001	Phosphorus (total)	0.0836	mg/l	0.0250	mg/l	E365.3
3/26/2018	001	Phosphorus (total)	0.123	mg/l	0.0250	mg/l	E365.3
1/16/2018	001	Suspended solids (total)	49.0	mg/l	2.50	mg/l	SM2540D
2/1/2018	001	Suspended solids (total)	246	mg/l	3.33	mg/l	SM2540D
2/12/2018	001	Suspended solids (total)	15.8	mg/l	1.00	mg/l	SM2540D
2/26/2018	001	Suspended solids (total)	40.0	mg/l	1.67	mg/l	SM2540D
3/12/2018	001	Suspended solids (total)	6.74	mg/l	0.526	mg/l	SM2540D
3/26/2018	001	Suspended solids (total)	22.0	mg/l	0.833	mg/l	SM2540D

Notes:

ug/l = micrograms per liter

mg/l = milligrams per liter

SU = standard units

J = Result is less than reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

NPDES Permit NV0024228 - 1st Quarter 2018 - Backwash to Remix (Sample Location 002) Analytical Summary

Sample Date	Sample Location	Analyte	Result	Units	SQL	SQL Units	Method
1/16/2018	002	Perchlorate	699	ug/l	95.0	ug/l	E314.0
2/1/2018	002	Perchlorate	64.0	ug/l	9.50	ug/l	E314.0
2/12/2018	002	Perchlorate	82.9	ug/l	0.950	ug/l	E314.0
2/26/2018	002	Perchlorate	62.5	ug/l	4.75	ug/l	E314.0
3/12/2018	002	Perchlorate	72.4	ug/l	0.950	ug/l	E314.0
3/26/2018	002	Perchlorate	60.7	ug/l	0.950	ug/l	E314.0
1/16/2018	002	Suspended solids (total)	2050	mg/l	10.0	mg/l	SM2540D
2/1/2018	002	Suspended solids (total)	1270	mg/l	10.0	mg/l	SM2540D
2/12/2018	002	Suspended solids (total)	1200	mg/l	10.0	mg/l	SM2540D
2/26/2018	002	Suspended solids (total)	844	mg/l	10.0	mg/l	SM2540D
3/12/2018	002	Suspended solids (total)	1180	mg/l	10.0	mg/l	SM2540D
3/26/2018	002	Suspended solids (total)	1550	mg/l	20.0	mg/l	SM2540D

Notes:
ug/l = micrograms per liter
mg/l = milligrams per liter

NPDES Permit NV0024228 - 1st Quarter 2018 - Effluent (Sample Location 003)
Analytical Summary

Sample Date	Sample Location	Analyte	Result	Units	SQL	SQL Units	Method
1/16/2018	003	Ammonia (as N)	<0.100 UF1	mg/l	0.100	mg/l	SM4500-NH3
2/1/2018	003	Ammonia (as N)	0.118 J	mg/l	0.100	mg/l	SM4500-NH3-D
2/12/2018	003	Ammonia (as N)	<0.100	mg/l	0.100	mg/l	SM4500-NH3
2/26/2018	003	Ammonia (as N)	<0.100	mg/l	0.100	mg/l	SM4500-NH3
3/12/2018	003	Ammonia (as N)	<0.100	mg/l	0.100	mg/l	SM4500-NH3
3/26/2018	003	Ammonia (as N)	0.169 J	mg/l	0.100	mg/l	SM4500-NH3
1/16/2018	003	Boron	1.71	mg/l	0.0250	mg/l	E200.7
2/1/2018	003	Boron	1.07	mg/l	0.0250	mg/l	E200.7
2/12/2018	003	Boron	1.37	mg/l	0.0250	mg/l	E200.7
2/26/2018	003	Boron	1.06	mg/l	0.0250	mg/l	E200.7
3/12/2018	003	Boron	0.942	mg/l	0.0250	mg/l	E200.7
3/26/2018	003	Boron	0.925	mg/l	0.0250	mg/l	E200.7
1/16/2018	003	Dissolved Solids (total)	3180	mg/l	25.0	mg/l	SM2540C
2/1/2018	003	Dissolved Solids (total)	2380	mg/l	10.0	mg/l	SM2540C
2/12/2018	003	Dissolved Solids (total)	2720	mg/l	10.0	mg/l	SM2540C
2/26/2018	003	Dissolved Solids (total)	2270	mg/l	10.0	mg/l	SM2540C
3/12/2018	003	Dissolved Solids (total)	2220	mg/l	10.0	mg/l	SM2540C
3/26/2018	003	Dissolved Solids (total)	2230	mg/l	10.0	mg/l	SM2540C
1/16/2018	003	Field pH	7.7	SU		SU	FIELD SAMPLING
2/1/2018	003	Field pH	7.3	SU		SU	FIELD SAMPLING
2/12/2018	003	Field pH	7.6	SU		SU	FIELD SAMPLING
2/19/2018	003	Field pH	8.0	SU		SU	FIELD SAMPLING
2/26/2018	003	Field pH	7.5	SU		SU	FIELD SAMPLING
3/12/2018	003	Field pH	7.2	SU		SU	FIELD SAMPLING
3/19/2018	003	Field pH	7.5	SU		SU	FIELD SAMPLING
3/26/2018	003	Field pH	7.6	SU		SU	FIELD SAMPLING
1/16/2018	003	Manganese	0.497	mg/l	0.0150	mg/l	E200.7
2/1/2018	003	Manganese	0.647	mg/l	0.0150	mg/l	E200.7
2/12/2018	003	Manganese	0.212	mg/l	0.0150	mg/l	E200.7
2/26/2018	003	Manganese	0.0705	mg/l	0.0150	mg/l	E200.7
3/12/2018	003	Manganese	0.0935	mg/l	0.0150	mg/l	E200.7
3/26/2018	003	Manganese	0.0735	mg/l	0.0150	mg/l	E200.7
1/8/2018	003	Perchlorate	<0.95	ug/l	0.95	ug/l	E314.0
1/16/2018	003	Perchlorate	6.24	ug/l	0.950	ug/l	E314.0
1/22/2018	003	Perchlorate	<0.950	ug/l	0.950	ug/l	E314.0
2/1/2018	003	Perchlorate	<0.950	ug/l	0.950	ug/l	E314.0
2/5/2018	003	Perchlorate	<0.950	ug/l	0.950	ug/l	E314.0
2/12/2018	003	Perchlorate	<0.950	ug/l	0.950	ug/l	E314.0
2/19/2018	003	Perchlorate	<0.950	ug/l	0.950	ug/l	E314.0
2/26/2018	003	Perchlorate	<0.950	ug/l	0.950	ug/l	E314.0
3/5/2018	003	Perchlorate	<0.950	ug/l	0.950	ug/l	E314.0
3/12/2018	003	Perchlorate	1.92 J	ug/l	0.950	ug/l	E314.0

NPDES Permit NV0024228 - 1st Quarter 2018 - Effluent (Sample Location 003)
Analytical Summary

Sample Date	Sample Location	Analyte	Result	Units	SQL	SQL Units	Method
3/19/2018	003	Perchlorate	<0.950	ug/l	0.950	ug/l	E314.0
3/26/2018	003	Perchlorate	<0.950	ug/l	0.950	ug/l	E314.0
1/16/2018	003	Phosphorus (total)	0.0825	mg/l	0.0250	mg/l	E365.3
2/1/2018	003	Phosphorus (total)	0.0821	mg/l	0.0250	mg/l	E365.3
2/12/2018	003	Phosphorus (total)	0.0555	mg/l	0.0250	mg/l	E365.3
2/26/2018	003	Phosphorus (total)	0.0786	mg/l	0.0250	mg/l	E365.3
3/12/2018	003	Phosphorus (total)	0.0931	mg/l	0.0250	mg/l	E365.3
3/26/2018	003	Phosphorus (total)	0.0791	mg/l	0.0250	mg/l	E365.3
1/8/2018	003	Suspended solids (total)	5.7	mg/l	0.50	mg/l	SM2540D
1/16/2018	003	Suspended solids (total)	37.0	mg/l	1.67	mg/l	SM2540D
1/22/2018	003	Suspended solids (total)	10.7	mg/l	0.500	mg/l	SM2540D
2/1/2018	003	Suspended solids (total)	32.0	mg/l	1.25	mg/l	SM2540D
2/5/2018	003	Suspended solids (total)	26.0	mg/l	1.00	mg/l	SM2540D
2/12/2018	003	Suspended solids (total)	26.0	mg/l	1.00	mg/l	SM2540D
2/19/2018	003	Suspended solids (total)	40.7	mg/l	1.67	mg/l	SM2540D
2/26/2018	003	Suspended solids (total)	30.0	mg/l	1.00	mg/l	SM2540D
3/5/2018	003	Suspended solids (total)	4.40	mg/l	0.500	mg/l	SM2540D
3/12/2018	003	Suspended solids (total)	31.0	mg/l	1.00	mg/l	SM2540D
3/19/2018	003	Suspended solids (total)	21.5	mg/l	0.625	mg/l	SM2540D
3/26/2018	003	Suspended solids (total)	15.1	mg/l	0.526	mg/l	SM2540D
1/16/2018	003	Total Inorganic Nitrogen-Calc	7.24	mg/l	0.500	mg/l	NTOTAL
2/1/2018	003	Total Inorganic Nitrogen-Calc	7.78	mg/l	0.500	mg/l	NTOTAL
2/12/2018	003	Total Inorganic Nitrogen-Calc	8.41	mg/l	0.500	mg/l	NTOTAL
2/26/2018	003	Total Inorganic Nitrogen-Calc	8.12	mg/l	0.500	mg/l	NTOTAL
3/12/2018	003	Total Inorganic Nitrogen-Calc	7.50	mg/l	0.500	mg/l	NTOTAL
3/26/2018	003	Total Inorganic Nitrogen-Calc	7.53	mg/l	0.500	mg/l	NTOTAL

Notes:

mg/l = milligrams per liter

ug/l = micrograms per liter

SU = standard units

F1 = MS and/or MSD Recovery is outside acceptance limits.

J = Result is less than the reporting limit but greater than or equal to the MDL and the concentration is an approximate value.

U = Analyte was not detected above the sample quantitation limit.

NPDES Permit NV0024228 - 1st Quarter 2018 - End of Mixing Zone Ambient Wash Water Quality Monitoring Point (Sample Location 004) Analytical Summary

Sample Date	Sample Location	Analyte	Result	Units	SQL	SQL Units	Method
1/30/2018	004	Boron	0.531	mg/l	0.0250	mg/l	E200.7
2/12/2018	004	Boron	0.575	mg/l	0.0250	mg/l	E200.7
3/7/2018	004	Boron	0.527	mg/l	0.0250	mg/l	E200.7
1/30/2018	004	Dissolved Solids (total)	1440	mg/l	10.0	mg/l	SM2540C
2/12/2018	004	Dissolved Solids (total)	1400	mg/l	10.0	mg/l	SM2540C
3/7/2018	004	Dissolved Solids (total)	1460	mg/l	10.0	mg/l	SM2540C
1/30/2018	004	Manganese	0.0500	mg/l	0.0150	mg/l	E200.7
2/12/2018	004	Manganese	0.0332	mg/l	0.0150	mg/l	E200.7
3/7/2018	004	Manganese	0.0218	mg/l	0.0150	mg/l	E200.7

Notes:
mg/l = milligrams per liter

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ATTACHMENT 2
SUPPORTING ANALYTICAL REPORTS
(*ON CD*)

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NEVADA ENVIRONMENTAL RESPONSE TRUST

APRIL 25, 2018

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein, exceptions and corresponding justifications are provided in the tables.

Kimberly Kuwabara

Kimberly Kuwabara
CEM #2353, expires 3/20/19